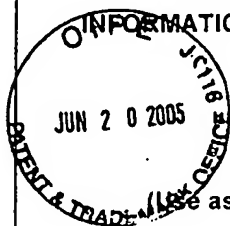


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Complete if known

INFORMATION DISCLOSURE STATEMENT BY  
APPLICANT

(Use as many sheets as necessary)

Application Number	10,647,172
Filing Date	August 22, 2003
First Named Inventor	Michael J. Ricks, et al
Art Unit	1624
Examiner Name	Richard L. Raymond
Attorney Docket Number	50,736F

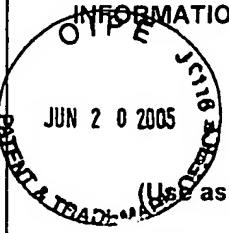
## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Patent Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>Pro</i>	AA	US-4,588,735	05-13-1986	Spatz	
<i>Pro</i>	AB	US-4,800,211	01-24-1989	Tischler, et al	
<i>Pro</i>	AC	US-6,521,622	02-18-2003	Ricks, et al	

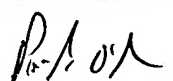
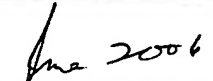
## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
<i>Pro</i>	BA	<del>DE</del> 436323	11-15-1967	Clauson - Kaas et al.		X
<i>Pro</i>	BB	EP-0241735	03-17-1987	Dann et al.		
<i>Pro</i>	BC	FR-2649699A	01-18-1991	Dellis et al.		
<i>Pro</i>	BD	WO-93/13664	07-22-1993	Mellor et al.		X
<i>Pro</i>	BE	EP-0661269	12-27-1994	Weidman et al.		
<i>Pro</i>	BF	JP-07233165	09-05-1995	Taniguchi et al.		X
<i>Pro</i>	BG	WO-96/10016	04-04-1996	Jakobi et al.		
<i>Pro</i>	BH	JP-08211378	<del>09-08-1996</del> 08-20-1996	Dainippon Printing Co. Ltd.		
<i>Pro</i>	BI	WO-96/37472	11-28-1996	Mgetzke et al.		X
<i>Pro</i>	BJ	EP-0891975	01-20-1999	Kyomura et al.		X
Examiner Signature	<i>Pro</i>			Date Considered	<i>June 2006</i>	

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	<b>Complete if known</b>	
	Application Number	10,647,172
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U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
Pro	BK	WO-99/11127	03-11-1999	Teraoka et al.		
Pro	BL	JP-11228542	08-24-1999	Iinuma Katsuhara		
Pro	BM	WO-99/40081	08-12-1999	Taniguchi et al.		
Pro	BN	EP-1134214	09-19-2001	Imamura et al.		X
Pro	BO	JP-WO00/26191	05-11-2000	Imamura et al.		X
Pro	BP	EP-1013169	06-28-2000	Teraoka et al.		X
Pro	BQ	EP-1054011	11-22-2000	Sakanaka et al.		X
Pro	BR	WO-00/76979	12-21-2000	Backhaus et al.		
Pro	BS	WO-01/05769	01-25-2001	Ricks et al.		X
Pro	BT	WO-01/14339	03-1-2001	Ricks et al.		X
Pro	BU	WO-01/49667	07-12-2001	Bacque et al.		
Examiner Signature				Date Considered		

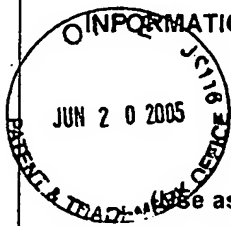
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Art Unit	1624
Examiner Name	Richard L. Raymond
Attorney Docket Number	50,736F

## NON PATENT LITERATURE DOCUMENTS

T<sup>2</sup>

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
JH	CA	GAYRAL, PHILLIPE; BUISSON, JEAN-PIERRE; ROYER, RENE, "Activities contre les mollusques Biomphalaria glabrata de carboxanilido-2 hydroxy-3-benzo[b] thiophenes," 1985-20, p. 187-189, EUR. J. MED. CHEM (1985)	
Mo	CB	HANAFI, ET AL, "UK-2A, B, C and D, Novel Antifungal, Antibiotics from Streptomyces, sp. 517-02 II. Structural Elucidation," The JOURNAL OF ANTIBIOTICS, Vol. 49, Number 12, pp. 1226-1231 (1996)	X
Mo	CC	NIELS CLAUSON-KAAS, ET AL; Preparation of Derivatives of 3-Hydroxypicolinic Acid From Furfural Chemical Abst. CA 63:16300d (1985)	
JH	CD	SHIBATA, ET AL, "UK-1, A Novel Cytotoxic Metabolite From Streptomyces sp. 517-02 II. Structural Elucidation," THE JOURNAL OF ANTIBIOTICS, Vol. 46, Number 7, pp. 1095-1100 (1993)	X
Mo	CE	SHIMANO, ET AL, "Enantioselective Total Synthesis of the Antifungal Dilactone, UK-2A: The Determination of the Relative and Absolute Configurations," TETRAHEDRON LETTERS, Vol. 39, pp. 4363-4366 (1998)	X
Mo	CF	SHIMANO, ET AL, "Total Synthesis of the Antifungal Dilactones UK-2A and UK-3A: The Determination of their Relative and Absolute Configurations, Analog Synthesis and Antifungal Activities," TETRAHEDRON LETTERS, Vol. 54, pp. 12745-12774 (1998)	X
Mo	CG	UEKI, ET AL, "UK-1, A Novel Cytotoxic Metabolite from Streptomyces sp. 517-02 I. Taxonomy, Fermentation, Isolation, Physico-Chemical and Biological Properties," THE JOURNAL OF ANTIBIOTICS, Vol. 46, Number 7, pp. 1089-1094 (1993)	X
Mo	CH	UEKI, "UK-2A, B, C and D, Novel Antifungal from Streptomyces sp. 517-02 I. Fermentation, Isolation, and Biological Properties," THE JOURNAL OF ANTIBIOTICS, Vol. 49, Number 7, pp. 639-643 (1996)	X
Mo	CI	UEKI, ET AL, "UK-3A, a Novel Antifungal Antibiotic from Streptomyces sp. 517-02: Fermentation, Isolation, Structural Elucidation and Biological Properties," THE JOURNAL OF ANTIBIOTICS, Vol. 50, Number 7, pp. 551-555 (1997)	X
Mo	CJ	UEKI, ET AL, "The Mode of Action of UK-2A and UK-3A, Novel Antifungal Antibiotics from Streptomyces, sp. 517-02," THE JOURNAL OF ANTIBIOTICS, Vol. 50, Number 12, pp. 1052-1057 (1997)	X
EXAMINER	DATE		
SIGNATURE	CONSIDERED		

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.